ALEX CUI

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EXPERIENCE

SmartBot360   Sept. 2021 - Current
- *Software Engineer*
  ◦ Handled periodic server deployments to clients and occasionally set up new servers on AWS.
  ◦ Provided customer service for clients by meeting with them and troubleshooting problems.
  ◦ Trained new coworkers by introducing them to the codebase and helping them familiarize with it.
  ◦ Everything else described below.

                                                            Mar. 2019 - Sept. 2021
- *Undergraduate Researcher*
  ◦ Worked as a full stack web developer, while practicing Agile and Kanban as our workflow.
  ◦ Used Angular to design pages in the front end for a better UI/UX, and also added new features.
  ◦ Wrote numerous API calls and queries in the back end using Java and JDBC.
  ◦ Created and modified tables in the database whenever tasks required to do so.
  ◦ Decreased the time to display core analytical data by more than 50%.

PROJECTS

- **Facial Analyzer**   Apr. 2021 - May 2021
  ◦ Built a web app that locates and crops all faces in a user-submitted image.
  ◦ Can guess the person's age, gender, and closest resembling celebrity.
  ◦ Used Docker and Kubernetes to set up a cloud architecture that saves processing time.
  ◦ Worked entirely on the front end design and on setting up the cloud.

- **Depush**   Mar. 2020
  ◦ Created a Google Chrome extension that notifies when new items are uploaded onto Depop.com.
  ◦ Refreshes itself in the background periodically and uses the Chrome API to store search terms.
  ◦ Inspired by the same feature in the Depop app and the desire for an improved version on the web.

SKILLS

- **Languages:** C++, HTML, CSS, JavaScript, Angular, Java, SQL, Python
- **Tools:** Git, MySQL, Trello

ACTIVITIES

- **Organization**, *Association for Computing Machinery*
  ◦ Former member and previously received guidance in the mentorship program.

EDUCATION

University of California Riverside
B.S. Computer Science 2021